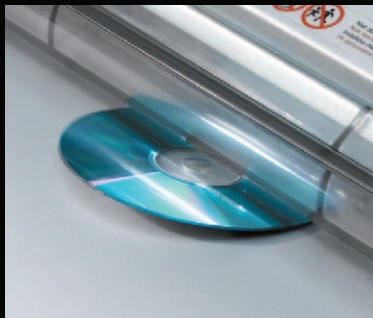
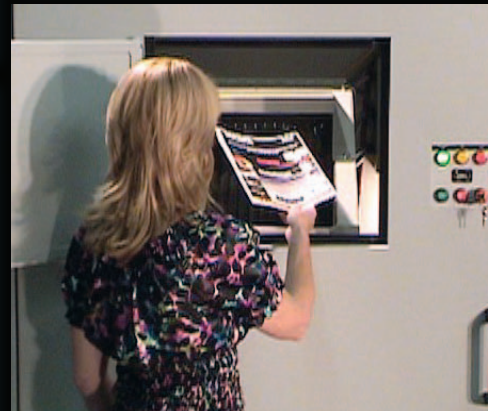
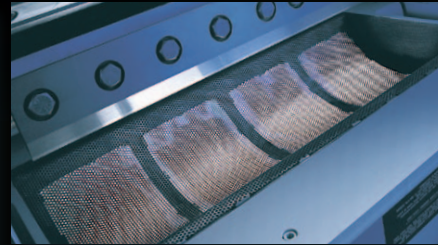


Information Sanitization and Destruction

Federal, State & Local Government Resource and Purchasing Guide



paper shredders | disintegrators | magnetic media degaussers
hard drive destroyers | optical media destroyers | mixed media destroyers
briquetting systems | deployment cases | destruction services

www.semshred.com | 800.225.9293



SECURITY ENGINEERED MACHINERY...A Tradition of Innovation and Excellence

SEM is in the business of providing customers with **information destruction solutions**. Regardless of the media that information is stored on, we provide solutions for all levels of destruction up to and including **NSA specifications for classified information**. In fact, unlike our competitors, who sell everything from pens and paper to time clocks and paper folding equipment, **SEM's only business is providing destruction solutions**. Whether it's an off-the-shelf product or an engineered system designed from the ground up, our business focus is to provide the absolute best solution for our customers' information destruction requirements.

SEM is a **Veteran Owned Small Business** founded in 1967 and based in Westboro, Massachusetts. **Our first product was a destruction solution for the U.S. Navy - the world's first disintegrator**. Since then, SEM has expanded our products to coincide with the development of various other storage media. Our customers include leading FORTUNE 500 Companies, the Federal Government, U.S. Military, and scores of other Federal and State Agencies. Today, every U.S. Embassy in the world uses SEM equipment.



PURCHASING AND CONTRACT INFORMATION

All Federal, State, County and Local Agencies/ Authorities are eligible to purchase from this Catalog.

Cage Code Number 29810

Federal ID# 04-2425508

DUNS Number 00-595-7329

Paper Shredders, Disintegrators, Parts & Accessories:

Contract # GS-02F-0111P

Contract Period: 10/1/2006 - 9/30/2016

SIN 75-200; 75-210



MEMBERSHIPS AND ASSOCIATIONS



NATIONAL SECURITY MEETS SOCIAL AND ENVIRONMENTAL RESPONSIBILITY

For over 40 years, SEM has been committed to bringing you the best and most effective information destruction products and services. We are equally committed to providing products and services that protect and preserve natural resources.

ISO 14001 Registered

We strive every day to meet the goal of 0% landfill waste.

ECO-Saver products

These products feature reduced energy consumption, manual operation options, waste compression solutions and natural machine lubricants derived from renewable resources.

Energy saving mode

ESM shredders save energy by shutting off when not in use for prolonged periods.

Volume reduction systems

Briquetting systems reduce the volume of waste being sent to landfills by as much as 90% and allow users to make classified waste part of their recycling stream.



Products with this symbol include environmentally responsible features and/or aid in recycling.



SEM IS YOUR RESOURCE FOR INFORMATION AS WELL AS PRODUCTS

In the 45 years since we introduced the world to disintegrators we've learned a lot about information destruction. Our goal is to share that information with as many people as possible.

This catalog is much more than just a collection of product specifications and pricing. We've designed it to be a **RESOURCE GUIDE** that shares our vast knowledge and expertise.

If you'd like additional copies, you can download them from our website, or request hard copies at info@semshred.com or 1-800-225-9293.

Sign up for our BLOG

For the most current information on destruction techniques and technology as well as the latest government regulations, read our blog. With contributions from dozens of SEM staff members, you're sure to find a topic that is both interesting and informative. www.semshred.com/sem_blog.



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Download our Pocket Guide

Filled with helpful information about destruction techniques, compliance requirements and much more. www.semshred.com/reference



An Introduction to

High Security Paper Shredders

High security paper shredders are used to destroy Classified documents (information that is vital to National Security). While there are literally hundreds of models of shredders available from a wide variety of sources, there are considerably fewer models of and sources for high security paper shredders. The information below is provided to help you make an informed decision about which shredder is right for you and will provide the best long term return on your investment.

Consider this...

- Only paper shredders listed on the NSA's Evaluated Products List can be used for Classified shredding. (See page 5 for EPL listed shredders).
- The best criteria to compare shredders is the NSA One Hour Durability Ratings (our shredder ratings are in the chart on the next page).
- Larger bin capacities equal greater security. The more waste particles, the harder it is to reconstruct them.
- Not shredding Classified documents? Choose a CUI (Level 3 or Level 4) Shredder. (See page 7 for CUI shredders).
- Cutting head lubrication is vital to performance and longevity. To ensure proper lubrication, choose a model with a factory installed automatic oiler.



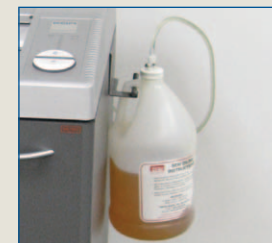
Electronic Door Safety Switch



SPS Electronic Safety Shield



Easy Switch and Electronic Capacity Control



1 Gallon Automatic Oiler

SEM Key Advantages

- Exclusive SEM-PRO Feature Group



- Auto start/stop/reverse - door open/bag full indicator.
- Most SEM High Security Shredders are equipped with factory installed automatic oilers.
- SEM oilers feature exclusive 1 gallon quick change bottle. No reservoirs to refill - no mess.
- Shredders are UL, CUL, and CE listed.
- **On-site service available in every ZIP code in the USA** and most international locations.

For more SEM Shredder features, view our video at www.semshred.com/videos



High Security Shredder	Shred Size	Sheet Capacity*	1 Hour NSA Durability Test	Automatic Oiler	Feed Opening	Bin Capacity	Dimension (HxWxD)	Horsepower (Actual)	Horsepower (Developed)	GSA Price
Model 1324C/3	0.8mm x 5mm	4-7	5 reams / feeding 3 sheets	NA	9.5"	10 gal	29" x 15.5" x 11.5"	.5 HP	1 HP	\$999.00
Model 2226CC/3 NO	0.8mm x 5mm	7-11	15 reams / feeding 6 sheets	optional	10.25"	30 gal	36.5" x 19.5" x 18.5"	1 HP	2 HP	\$1,799.00
Model 2226CC/3	0.8mm x 5mm	7-11	15 reams / feeding 6 sheets	included	10.25"	30 gal	36.5" x 19.5" x 18.5"	1 HP	2 HP	\$2,125.00
Model 244/4™	0.8mm x 5mm	8-13	18 reams / feeding 7 sheets	included	10.25"	30 gal	36.5" x 21.5" x 18.5"	1.75 HP	3.5 HP	\$2,495.00
Model 266/4™	0.8mm x 5mm	13-18	28 reams / feeding 10 sheets	included	12.25"	48 gal	40.25" x 21.5" x 23.25"	2.15 HP**	4 HP	\$4,875.00
Model 5140C/4	0.8mm x 5mm	13-18	23 reams / feeding 8 sheets	included	16"	60 gal	40" x 25" x 23.5"	2.15 HP**	4 HP	\$4,975.00
Model 1201CC	1mm x 4mm	13-18	18 reams / feeding 6 sheets	No Oil Required	12.4"	30 gal	34" x 20" x 20"	1.5 HP	3 HP	\$5,274.50

115V/1/60Hz power is standard, 220V and/or International voltages are available upon request.

*Sheet capacity depends on paper weight and proper power **Requires 20 Amp service

Paper Shredder Premium Bundles... High Security Level 6 Shredder with Extra Value Added Items... Unbeatable Security, Unbeatable Value!

Model 2226CC/3WO Premium Bundle



Model 2226CC/3 bundled with the following value items.

- 2 Year Ext. Warranty
- Annual PM Contract
- Premium Supply Kit

Model 2226CC/3WO Premium Bundle
Total Value..... \$2,803.37
GSA Bundle Price..\$2,299.00
You Save..... \$504.37

Model 244/4 Premium Bundle



Model 244/4 bundled with the following value items.

- 2 Year Ext. Warranty
- Annual PM Contract
- Premium Supply Kit

Model 244/4 Premium Bundle
Total Value..... \$3,239.37
GSA Bundle Price..\$2,995.00
You Save..... \$244.37

Model 266/4 Premium Bundle



Model 266/4 bundled with the following value items.

- 2 Year Ext. Warranty
- Annual PM Contract
- Premium Supply Kit

Model 266/4 Premium Bundle
Total Value..... \$5,884.45
GSA Bundle Price..\$4,995.00
You Save..... \$889.45

Shredder Starter Supply Kits



Premium Supply Kits
2 gallons of oil & 50 bags
Standard with Premium Bundles and Model 244/4 and Model 266/4.

Basic Supply Kits
1 bottle of oil & 5 bags.
Standard with all other shredder models.

Model 1201CC Supply Kits exclude oil.

Controlled Unclassified Information Shredders

Controlled Unclassified Information (CUI) is the designation that refers to information that does not meet the standards for National Security Classification under Executive Order 12958. It is sensitive information that must be shredded but not necessarily in a high security (Level 6) shredder. CUI does not mandate a final destruction size. However, it is generally agreed that a cross-cut shredder should be used. These shredders cut in two directions and produce “confetti” of various sizes. They are often referred to under the international destruction standard DIN 32 757 as Level 3 and Level 4.

Consider this...

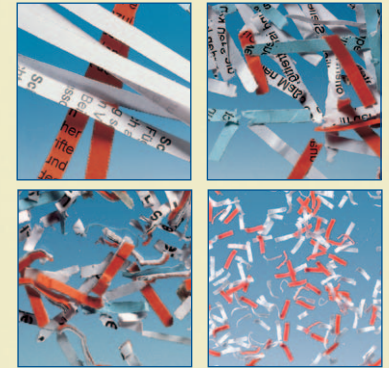
- The smallest particle isn't always your best bet. Choose the largest shred size that meets your security requirements. You'll get a more durable machine, greater sheet capacity and faster feed rates.
- Larger bin capacities equal greater security. The more waste particles, the harder it is to reconstruct them.
- Cutting head lubrication is vital to performance and longevity. For best results, choose a model with a factory installed automatic oiler.
- Don't get fooled by horsepower ratings. Some manufacturers only list developed HP (often 2X actual) to gain a marketing advantage. SEM always provides actual HP ratings.
- Some machines require a dedicated circuit; others under perform because outlets are too far from breakers and suffer a drop in voltage. For best performance always ensure adequate power is available.
- Shredding Classified documents? Choose a shredder from the NSA Evaluated Products List. See page 5 for our NSA EPL Listed shredders.

SEM Key Advantages

- SEM-PRO Feature Group



- Surgical-quality steel knives and specially hardened steel cutting shafts.
- Auto start/stop/reverse - door open/bag full indicator.
- Virtually zero respirable dust emissions.
- Doors and cabinets made from post-consumer recycled material.
- **On-site service available in every ZIP code in the USA** and most international locations.



Surgical-Quality Steel Cutting Heads





Easy Switch and Electronic Capacity Control



SPS Electronic Safety Shield



CUI Shredders	Security Level	Shred Size	Sheet Capacity*	Automatic Oiler	Feed Opening	Bin Capacity	Dimension (HxWxD)	Horsepower (Actual)	Horsepower (Developed)	GSA Price
Model 1121P	Level 3	1/8" x 1"	7-10	NA	8.75"	5 gal.	13.5" x 8.75" x 17.75"	.2 HP	.4 HP	\$299.00
Model 1125PCD	Level 3	1/8" x 1"	7-10	NA	8.5"	5 gal.	13.5" x 8.75" x 21.25"	.2 HP	.4 HP	\$435.00
Model 1324P	Level 3	5/32" x 1 5/32"	12-16	NA	9.5"	10 gal.	25" x 15.5" x 11.5"	.5 HP	1 HP	\$569.08
Model 2125P	Level 3	5/32" x 1 5/32"	18-21	NA	10.25"	27 gal.	34.25" x 19.5" x 14.75"	.75 HP	1.5 HP	\$856.90
Model 2226P	Level 3	5/32" x 1 5/32"	27-32	optional	10.25"	30 gal.	36.5" x 19.5" x 18.5"	1 HP	2 HP	\$1,098.00
Model 3130P	Level 3	5/32" x 1 5/32"	22-27	optional	16"	42 gal.	38.5" x 25" x 23"	1 HP	2 HP	\$1,699.00
Model 3140P	Level 3	5/32" x 1 5/32"	30-36	optional	16"	54 gal.	38.5" x 25" x 23"	1.5 HP	3 HP	\$2,114.67
Model 3140PWO	Level 3	5/32" x 1 5/32"	30-36	included	16"	54 gal.	38.5" x 25" x 23"	1.5 HP	3 HP	\$2,365.00
Model 266P	Level 3	5/32" x 1 5/32"	40-48	included	12.25"	48 gal.	40.25" x 21.5" x 23.5"	2.15 HP	4 HP	\$2,975.00
Model 5141P	Level 3	5/32" x 1 5/32"	45-52	included	16"	60 gal.	40" x 25" x 23.5"	2.1 HP	4 HP	\$3,399.00
Model 1201P 	Level 4	1/4" x 1/2"	45-52	NA**	12.4"	30 gal.	34" x 20" x 20"	1 HP	2 HP	\$4,724.50
Model 1201PF with Auto Feeder 	Level 4	1/4" x 1/2"	45+ hand fed 1000 Auto Feed	NA**	12.4"	30 gal.	46" x 20" x 20"	1 HP	2 HP	\$5,604.50

115V/1/60Hz power is standard, 220V and/or International voltages are available upon request.

*Sheet capacity depends on paper weight and proper power. **1201 Series shredders require **no** additional oiling



Automatic Oilers

Model 266P, 5141P and 3140PWO come equipped with factory installed automatic oilers as standard equipment. Automatic oilers are available as options on all other models (except Model 1201P and Model 1201PF which require no oiling).



Automatic Sheet Feeding

Load up to 1,000 sheets, press start and walk away. The exclusive Auto Sheet Feeder on the **Model 1201PF** will feed the shredder until all pages are destroyed. A handy bypass slot allows additional sheets to be fed while the auto sheet feeder is in use.

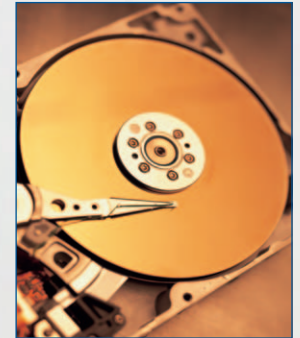
Level 4 Requirement?

All of our Model 1201P or Model 1201PF Shredders meet the Level 4 requirement. Most of our other units can also be supplied in configurations that meet Level 4 requirements at no additional cost.

Physical Hard Drive Destruction

When it comes to hard drive destruction you have options. Before you choose one, we recommend you evaluate it based on three criteria: Safety, Ease of Operation and Thruput. This will ensure that you get the right machine for your application.

SEM offers two different types of hard drive destroyers, **crushers** and **shredders**. Both are fast, safe and easy to use. Our **crushers** use a solid steel conical punch combined with up to 12,000 lbs. of pressure to pierce, bend and mangle drive housings, internal platters and read/write heads. Our **hard drive shredders** use hardened steel saw tooth cutters to literally rip high volumes of hard drives to shreds as small as .75" in a matter of seconds.

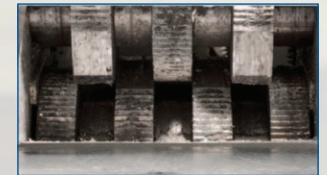


Consider this...

- Hard drives come in a variety of shapes, sizes and materials of construction. SEM offers crushers and shredders capable of destroying ANY hard drive.
- Crushers are ideal for low volume applications. When drive quantities climb into the hundreds or thousands, a shredder is much more practical.
- Hard drives are not the only things that carry data. SEM shredders and crushers can also destroy cell phones, PDAs, MP3 players and much more.
- When paired with an NSA listed degausser, all SEM Crushers and Shredders satisfy the DoD **degauss and destroy** policy.



Hard drive pierced, bent and mangled by conical steel punch



Hardened steel shredder cutting head



Shredded waste is unreconstructible



Destroy a variety of storage media

SEM Key Advantages

- Destruction solutions for as few as one drive a day up to thousands per hour.
- Choose 115V, 220V or 460V systems or choose a manual crusher for no power required operation.
- Medium and high volume shredders feature integrated take-away conveyors to deposit shreds in the container of your choice.
- The only crusher with a chamber large enough for drives with rails/handles found in hot-swap trays.
- Don't have enough volume to justify a purchase? Use our hard drive/mixed media destruction service (see page 22 for details).

View our Hard Drive Destruction videos at www.semshred.com/videos



Only powered unit that accepts drives with rails/handles found in hot-swap trays.



Sledgehammer™ Hard Drive Crushers

Up to 12,000 lbs. of force to pierce, bend, crush and mangle any size, format or type drive up to 1.85" thick. Will accommodate drives with both rails and caddy handles installed.


New Energy Saving Feature: Unit draws ZERO power when not in the act of crushing

Destruction Time: 8 seconds full cycle

115/1/60Hz, standard 15 Amp outlet — other voltages available

1/3 HP Motor

Model 0101 Automatic Hard Drive Crusher
GSA Price.....\$4,350.00

Model 0100 Manual Hard Drive Crusher 
(no power required)
GSA Price.....\$950.00



Recommended Accessories

1 Year Extended Warranty.....\$450.00
Heavy Duty Stand.....\$495.00
Replacement Anvil (850HDC ANVIL).....\$195.00



Jackhammer Series Hard Drive Shredders

When it comes to physical destruction of hard drives, no one has more solutions than SEM. In fact, we offer 10 configurations of Jackhammer Hard Drive Shredders to satisfy any application requirement.

- Thruput capacities of 500 drives per hour up to 3,500 drives per hour
- Saw tooth hooked cutters literally rip hard drives to shreds
- Choose from three particle sizes— 1.5", 1.0", 0.75" for magnetic/rotational drives
- Most units feature built-in take-away conveyor
- Clean, quiet, vibration-free operation
- Mounted on casters for easy portability



All SEM HDD Shredders and Crushers are made in the United States.

Model	Particle Size	Thruput Capacity drives per hour*	Feed Opening	Drive Thickness	Drive Type	Motor	Electrical	Power	GSA Price
Model 0300-1.5	1.5" x random	up to 500	4.5" x 1.5"	up to 1"	Magnetic/Rotational	1.0 HP	110/220-20Amp	Single Phase	\$18,950.00
Model 0301-1.5	1.5" x random	up to 2,000	8" x 2.5"	up to 1.65"	Magnetic/Rotational	5.0 HP	208/230/460	3-Phase	\$34,950.00
Model 0302-1.5	1.5" x random	up to 2,500	8" x 2.5"	up to 1.65"	Magnetic/Rotational	7.5 HP	208/230/460	3-Phase	\$36,900.00
Model 0302-1.0	1.0" x random	up to 2,000	8" x 2.5"	up to 1.65"	Magnetic/Rotational	7.5 HP	208/230/460	3-Phase	\$39,999.00
Model 0302-.75	.75" x random	up to 1,500	8" x 2.5"	up to 1.65"	Magnetic/Rotational	7.5 HP	208/230/460	3-Phase	\$40,999.00
Model 0304-1.5	1.5" x random	up to 3,500	11" x 2.5"	up to 1.65"	Magnetic/Rotational	20 HP	208/230/460	3-Phase	\$48,450.00
Model 0304-1.0	1.0" x random	up to 3,000	11" x 2.5"	up to 1.65"	Magnetic/Rotational	20 HP	208/230/460	3-Phase	\$48,950.00
Model 0304-.75	.75" x random	up to 2,500	11" x 2.5"	up to 1.65"	Magnetic/Rotational	20 HP	208/230/460	3-Phase	\$49,950.00

*Depends on size and type of drive and proper power. Jackhammer models can be configured for shredding solid state hard drives, contact SEM for complete details.

Standard Warranty on all Jackhammer Hard Drive Shredders: 2 Years Parts, 90 Days Labor. At site Preventative Maintenance contracts available.

Solid State Hard Drives Physical Destruction that Meets NSA Requirements



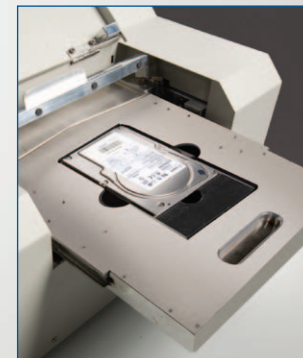
Not sure about how to destroy solid state drives. We have the answer. SEM can supply a turnkey solution that meets all NSA Requirements. Contact us for complete details.

NSA Destruction Requirements/Guidelines for Solid State Media - disintegrate into particles that are nominally 2 millimeter edge length in size using an NSA/CSS evaluated disintegrator per Reference d. Remove all labels or markings that indicate previous use or classification.

Per NSA Storage Device Declassification Manual (SDDM), all products on this page meet the recommendation for physical destruction of rotational/magnetic hard drives.

Magnetic Media Degaussing

Degaussers use powerful magnetic fields to erase data from magnetic storage media such as hard drives, backup tapes, floppy disks, audio/video cassettes, even reel-to-reel tape. There are two basic styles of Magnetic Media Degaussers. The first is based on Permanent Magnet Technology which uses an array of rare earth magnets arranged in a configuration that creates an intense magnetic field to sanitize magnetic media without the need of an electrical charge. The second is based on Electromagnetic Technology that uses alternating current to charge large electric capacitors. When the capacitors are “filled”, they discharge the energy creating a magnetic field that degauss media within the field.



Consider this...

- Only degaussers listed on the current NSA EPL can be used for classified data.
- For maximum degaussing versatility, choose a degausser that will sanitize both LMR and PMR drives up to 5,000 Oe and magnetic tape up to 2,800 Oe.
- If you are not degaussing classified drives, a CUI degausser will offer significant cost savings.
- Degaussers are not capable of sanitizing solid state hard drives, smart phones, thumb drives or other flash media. For these items, choose a Mixed Media Destroyer from page 14.



Hand Crank allows use even when no power is available

SEM Key Advantages

- Permanent Rare Earth Magnets used in Mag EraSURE Degaussers never degrade, never require maintenance, and never need to be replaced.
- Mag EraSURE Degaussers do not generate heat, making continuous use possible.
- Fast Cycle Times — Mag EraSURE Degausser cycle times are 4X faster than competitive electromagnetic units. Up to four notebook drives may be degaussed at once providing an even greater speed advantage.
- Mag EraSURE Degaussers effectively sanitize Longitudinal Magnetic Recorded (LMR) and Perpendicular Magnetic Recorded (PMR) media.



Ergonomic variable height carts for portability and comfort



Ideal for field deployment

NSA Evaluated and Listed Fixed Magnetic Degaussers

Mag EraSURE™ Degaussers utilize fixed magnet technology to completely and permanently erase data on magnetic media. Choose from automatic push button or manual hand crank configurations. Both units offered have been evaluated by the NSA and are listed on the current Degausser EPL.



Mag EraSURE™ Permanent Fixed Magnet Degaussers	ME-P3R	ME-P3M
Method of operation (automatic push button or manual hand crank)	Automatic	Manual
Cycle Time	15 Seconds	10 Seconds
Permanent rare earth fixed magnet technology with infinite magnet life	✓	✓
NSA Evaluated and Listed on the most current NSA/CSS EPL	✓	✓
NSA Approved for Longitudinal (LMR) and Perpendicular (PMR) magnetic hard drives up to 5,000 Oe and magnetic tape up to 2,800 Oe	✓	✓
Generates no heat, making continuous use possible	✓	✓
Degauss up to four 2.5" or 1.8" notebook drives simultaneously	✓	✓
Maximum 14,000 Gauss	✓	✓
Media: HDD: 1.8", 2.5", 3.5", Rev drive tape: 1/2" tape (type 3480), DLT, LTO, QIC, DAT, 8mm, Travan, AIT, floppy disks, removable magnetic disks, and VHS tapes, SVHS & VHS	✓	✓
Mounted on variable height mobile platform	✓	Optional
Electrical: Universal voltage, 100-240V 50/60Hz	✓	NA
GSA Price	\$29,950.00	\$23,500.00

NSA Evaluated and Listed Electromagnetic Degausser



TS-1 Data Eliminator

Provides a 20,000 gauss erasing field ensuring complete hard drive and tape erasure of classified and "Top Secret" data in 45 seconds. A built in magnetic field verification system confirms field strength after each erasing cycle.

Listed on the National Security Agency's Evaluated Products List.

Erases Perpendicular (PMR) and Longitudinal (LMR) hard drives up to 5,000 Oe and magnetic tape media up to 2,800 Oe.

Alphanumeric display provides erasure status, field strength, media counter and diagnostics.

Single pass, 45 second erasure.

Built-in magnetic field verification system guarantees complete erasure.

Quiet, table-top, office friendly operation

GSA Price.....\$16,775.00



A Partial List of Media that can be Degaussed

Hard Drives

Desktop Drives
Notebook/Laptop Drives
Server Drives
External Hard Drives

Computer Backup Tapes

DLT SDLT LTO
QIC DAT Travan
AIT 8mm

Removable Disks (floppy)

5.25" & 3.5" Floppy ZIP
JAZZ REV Syquest

Audio Tapes

Cassette Mini Cassette
Micro Cassette Reel-to-Reel

Video Tapes

VHS Beta SVHS
Mini DV 8mm

Commercial Use Degaussers - CUI

NEW

EMP1000 Electromagnetic Degausser

This new degausser features the industry's first high resolution LCD touch screen display for operator control and feedback. Accepts any drive up to 1.0" thick as well as computer tapes. A magnetic field strength indicator confirms media has been degaussed at an acceptable level. Initial cycle time is 15 seconds, subsequent cycle times are 10 seconds or less. Ergonomic drawer opens automatically after degaussing is complete. Compact design for use on any desk or table.

GSA Price.....\$10,999.00



HD-2 Degausser and HD-3WXL Degausser

Perfect for CUI degaussing. The HD-2 accepts drives up to 1" thick and the HD3-WXL up to 1.66" thick. Both units offer continuous duty operation. Cycle time for the HD-2 is 60 seconds, and 9 seconds for the HD3-WXL.

HD-2.....GSA Price \$3,350.00

HD3-WXL.....GSA Price \$7,575.00



Items that Can't Be Degaussed

USB Thumb Drives, Compact Flash, Optical Media (CDs and DVDs), Solid State Hard Drives, Smart Phones



For a complete list of media, scan this code or visit www.semshred.com/media



An Introduction to Degauss & Destroy Bundles

When it comes to National Security, there's no such thing as being too vigilant. That's why more and more security professionals incorporate a two-stage approach to eliminating sensitive data from magnetic media. The term "degauss and destroy" relates to the procedure of degaussing magnetic media to erase its contents, then physically destroying the media so that it no longer functions.

To satisfy this two step process, SEM has created cost saving Value Bundles.

Build Your Own Value Bundle



Degaussed Hard Drives



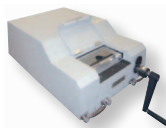
Destroyed Hard Drives

STEP 1 - Choose a Degausser

NSA Listed Degaussers



A Mag EraSURE
ME-P3R



B Mag EraSURE
ME-P3M



F Model TS-1

CUI - Controlled Unclassified Information Degaussers



D HD-2



E HD-3WXL



G EMP1000

STEP 2 - Choose a Destroyer

Hard Drive Crusher or Shredder



1 Model 0101 Crusher



2 Model 0300 Shredder



3 Model 0301 Shredder



4 Model 0304 Shredder



5 Model 0100 Crusher



6 Model 0302 Shredder

Savings Example

Choose a Degausser



Mag EraSURE ME-P3R
\$29,950.00

Choose a Physical Destruction Device



Model 0101 Sledgehammer
\$4,350.00

Create a Value Bundle



Price of items if purchased separately **\$34,300.00**

Save Money



Price of bundle \$30,870.00
You save \$3,430.00

Value Bundles - NSA Listed Degaussers

Value Bundle	NSA Listed Degausser	Physical Destroyer	Price Purchased Separately	Value Bundle Price	You Save
A1-R	Mag EraSURE ME-P3R	Model 0101 Sledgehammer	\$34,300.00	\$30,870.00	\$3,430.00
A2-R	Mag EraSURE ME-P3R	Model 0300 Jackhammer	\$48,900.00	\$44,010.00	\$4,890.00
A3-R	Mag EraSURE ME-P3R	Model 0301 Jackhammer	\$64,900.00	\$58,410.00	\$6,490.00
A4-R	Mag EraSURE ME-P3R	Model 0304 Jackhammer	\$79,900.00	\$71,910.00	\$7,990.00
A5-R	Mag EraSURE ME-P3R	Model 0100 Sledgehammer	\$30,900.00	\$29,950.00	\$950.00
A6-R	Mag EraSURE ME-P3R	Model 0302 Jackhammer	\$69,949.00	\$62,954.00	\$6,995.00
B1	ME-P3M	Model 0101 Sledgehammer	\$27,850.00	\$25,065.00	\$2,785.00
B2	Mag EraSURE ME-P3M	Model 0300 Jackhammer	\$42,450.00	\$38,205.00	\$4,245.00
B3	Mag EraSURE ME-P3M	Model 0301 Jackhammer	\$58,450.00	\$52,605.00	\$5,845.00
B4	Mag EraSURE ME-P3M	Model 0304 Jackhammer	\$73,450.00	\$66,105.00	\$7,345.00
B5	Mag EraSURE ME-P3M	Model 0100 Sledgehammer	\$24,450.00	\$23,500.00	\$950.00
B6	Mag EraSURE ME-P3M	Model 0302 Jackhammer	\$63,499.00	\$57,149.00	\$6,350.00
F1	Model TS-1	Model 0101 Sledgehammer	\$21,125.00	\$20,068.75	\$1,056.25
F2	Model TS-1	Model 0300 Jackhammer	\$35,725.00	\$33,938.75	\$1,786.25
F3	Model TS-1	Model 0301 Jackhammer	\$51,725.00	\$49,138.75	\$2,586.25
F4	Model TS-1	Model 0304 Jackhammer	\$66,725.00	\$63,388.75	\$3,336.25
F5	Model TS-1	Model 0100 Sledgehammer	\$17,725.00	\$16,838.75	\$886.25
F6	Model TS-1	Model 0302 Jackhammer	\$56,774.00	\$53,935.30	\$2,838.70

Value Bundles - CUI Degaussers

Value Bundle	CUI Degausser	Physical Destroyer	Price Purchased Separately	Value Bundle Price	You Save
D1	HD-2	Model 0101 Sledgehammer	\$7,700.00	\$6,930.00	\$770.00
D2	HD-2	Model 0300 Jackhammer	\$22,300.00	\$20,070.00	\$2,230.00
D3	HD-2	Model 0301 Jackhammer	\$38,300.00	\$34,470.00	\$3,830.00
D4	HD-2	Model 0304 Jackhammer	\$53,300.00	\$47,970.00	\$5,330.00
D5	HD-2	Model 0100 Sledgehammer	\$4,300.00	\$4,085.00	\$215.00
D6	HD-2	Model 0302 Jackhammer	\$43,349.00	\$39,014.10	\$4,334.90
E1	HD-3WXL	Model 0101 Sledgehammer	\$11,925.00	\$10,732.50	\$1,192.50
E2	HD-3WXL	Model 0300 Jackhammer	\$26,525.00	\$23,872.50	\$2,652.50
E3	HD-3WXL	Model 0301 Jackhammer	\$42,525.00	\$38,272.50	\$4,252.50
E4	HD-3WXL	Model 0304 Jackhammer	\$57,525.00	\$51,772.50	\$5,752.50
E5	HD-3WXL	Model 0100 Sledgehammer	\$8,525.00	\$8,098.75	\$426.25
E6	HD-3WXL	Model 0302 Jackhammer	\$47,574.00	\$42,816.60	\$4,757.40
G1	EMP1000	Model 0101 Sledgehammer	\$15,350.00	\$13,815.00	\$1,535.00
G2	EMP1000	Model 0300 Jackhammer	\$29,950.00	\$26,955.00	\$2,995.00
G3	EMP1000	Model 0301 Jackhammer	\$45,950.00	\$41,355.00	\$4,595.00
G4	EMP1000	Model 0304 Jackhammer	\$60,950.00	\$54,855.00	\$6,095.00
G5	EMP1000	Model 0100 Sledgehammer	\$11,950.00	\$11,000.00	\$950.00
G6	EMP1000	Model 0302 Jackhammer	\$50,999.00	\$45,899.10	\$5,099.90

Optical and Mixed Media Destroyers

As information storage media has evolved, security professionals are faced with ever changing destruction challenges. Obviously paper is easy to deal with, but what about CDs/DVDs? Cell phones? Flash memory cards? USB drives? and other media that hasn't even been dreamed up yet? When it comes to these items, a paper shredder just won't cut it. SEM Mixed Media Destroyers have been designed specifically to address the destruction challenges of mixed media. They are actually industrial grade disintegrators that have been re-engineered to fit and operate in non-industrial work spaces.



Consider this...

- Not all destruction methods are effective for all media, so careful consideration must be paid before choosing a product.
- Destruction requirements are not all the same for all media. Example: Optical media must be reduced to no larger than 2.2mm x 4mm, but flash drives must be disintegrated into particles that are nominally 2mm edge length in size using an NSA/CSS evaluated disintegrator.
- What might be a practical and effective destruction solution for low volume, may be a much less effective and practical for higher volumes.



2.2mm x 4mm optical media particle from Model 0201 OMD

SEM Key Advantages

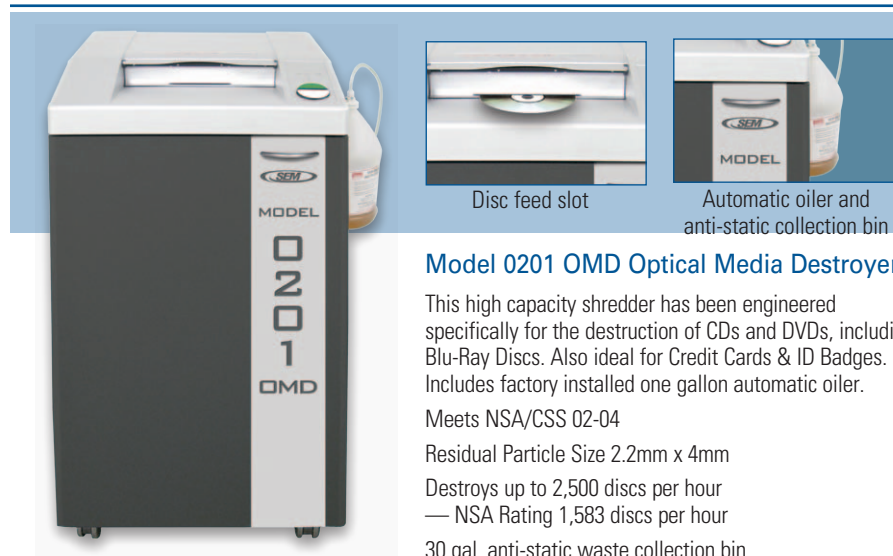
- SEM offers both shredding and disintegration options depending on media destruction needs.
- Mixed media destroyers are simply smaller, quieter versions of our time tested disintegrators.
 - If requirements change, compliance can be achieved by changing particle sizing screens.



Model DS-200 and Model DS-200 Marine have built-in Pre Shredder for paper destruction



All SEM Optical and Mixed Media Destroyers operate on 120V power for use anywhere in your facility



Model 0201 OMD Optical Media Destroyer

This high capacity shredder has been engineered specifically for the destruction of CDs and DVDs, including Blu-Ray Discs. Also ideal for Credit Cards & ID Badges. Includes factory installed one gallon automatic oiler.

Meets NSA/CSS 02-04

Residual Particle Size 2.2mm x 4mm

Destroys up to 2,500 discs per hour

— NSA Rating 1,583 discs per hour

30 gal. anti-static waste collection bin

GSA Price.....\$3,299.00



Model 0201 OMD Optical Media Destroyer Premium Bundle

Model 0201 OMD bundled with the following value items.

- 2 Year Extended Warranty
- Annual at site PM Contract
- Premium Supply Kit including 2 gallons of oil and a case of anti-static waste collection bags

Model 0201 OMD Premium Bundle

Total Value.....\$4,268.61

GSA Bundle Price.....\$3,499.00

You Save.....\$769.61



Model DX-CD2™ Automatic Optical Media Grinder

Grinds the information layer off of media to a particle size of 250 microns leaving only a high grade polycarbonate disc that is suitable for recycling.

Meets NSA/CSS 04-02 requirements for Optical Media Destruction Devices

Meets NIST SP 800-88 standard for Optical Disc Destruction

Approved for CDs and DVDs by the Royal Canadian Mounted Police

Electrical: 110V/60 or 220V/50 available

Fast operation – 18 sec. per disk

Lightweight and portable

GSA Price.....\$1,499.00

SEM Mixed Media Destroyers address the destruction challenges of optical and mixed media. They are industrial grade disintegrators that have been re-engineered to fit and operate in non-industrial work spaces.



All SEM Disintegrators are made in the United States.



DS Unit Pre-Shredder

Model 200 Mixed Media Destroyer

NSN# 7490-01-461-6124

Light volume disintegrator. Meets NSA/CSS 02-02 for paper, 04-01 for key tape and 04-02 for optical media.

Particle Size: 3/32" or 5/64"

Thruput: Up to 75lbs./hr with NSA approved 3/32" screen, up to 150lbs./hr with 1" screen

GSA Price.....\$6,986.00

Model DS-200 Dual Stage w/Pre-Shredder

NSN# 7490-01-504-5606

GSA Price.....\$8,999.00

Model 200 Marine and Model DS-200 Marine

Same capabilities as the Model 200 and Model DS-200 in a compact design for use on ships or in space restricted areas.

Model 200 Marine Disintegrator

GSA Price.....\$7,986.50

Model DS-200 Dual Stage Marine Disintegrator

GSA Price.....\$9,899.00

Disintegrator	Thruput 3/32" NSA 1" Non NSA	Feed Opening	Dimension (HxWxD)	Motor (HP) Actual/Dev.	Waste Collection	GSA Price
Model 200	up to 75 lbs./hr up to 150 lbs/hr	2" x 9"	59" x 51" x 25"	.5 HP/ 1 HP	35 Gal. Vacuum	\$6,986.00
Model 200 Marine	up to 75 lbs./hr up to 150 lbs/hr	2" x 9"	42" x 24" x 21"	.5 HP/1 HP	3 Gal. Vacuum	\$7,986.50
Model DS-200	up to 100 lbs./hr up to 175 lbs/hr	2" x 9" 9.5" shredder	59" x 51" x 25"	1 HP/2 HP	35 Gal. Vacuum	\$8,999.00
Model DS-200 Marine	up to 100 lbs./hr up to 175 lbs/hr	2" x 9" 9.5" shredder	46" x 24" x 21"	1 HP/2 HP	3 Gal. Vacuum	\$9,899.00

An Introduction to Disintegrators

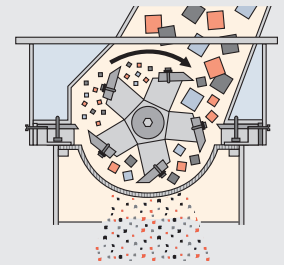
The best way to prevent data from being seen by the wrong people is to completely eliminate it. Until the 1960's the US Government's preferred method of doing that was incineration. However, negative impacts on the environment caused the practice to be discontinued. Shortly thereafter, SEM introduced a new form of mechanical incineration that we called Disintegration. That first SEM disintegrator built in 1967 started a revolution in document destruction. To this day disintegration is still the preferred method for destroying high volumes of documents within the military and intelligence community.

Consider this...

- When equipped with the proper waste sizing screen, all SEM Disintegrators meet the following destruction requirements: **NSA/CSS 02-02 for Paper**, **NSA/CSS 04-02 for Optical Media** and **NSA/CSS 04-01 for Key Tape**.
- Solid steel rotors are superior to open rotors for paper destruction. They create greater rotational inertia for more efficient cutting and have more surface area for knife attachment which reduces slippage, misalignment and peel back.
- Disintegrators are extremely versatile. In addition to paper, they can also destroy circuit boards, data cartridges, film/X-rays, optical media, currency, credit cards, flash media, cell phones and much more...

SEM Key Advantages

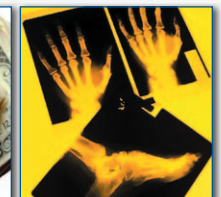
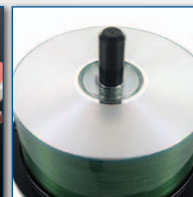
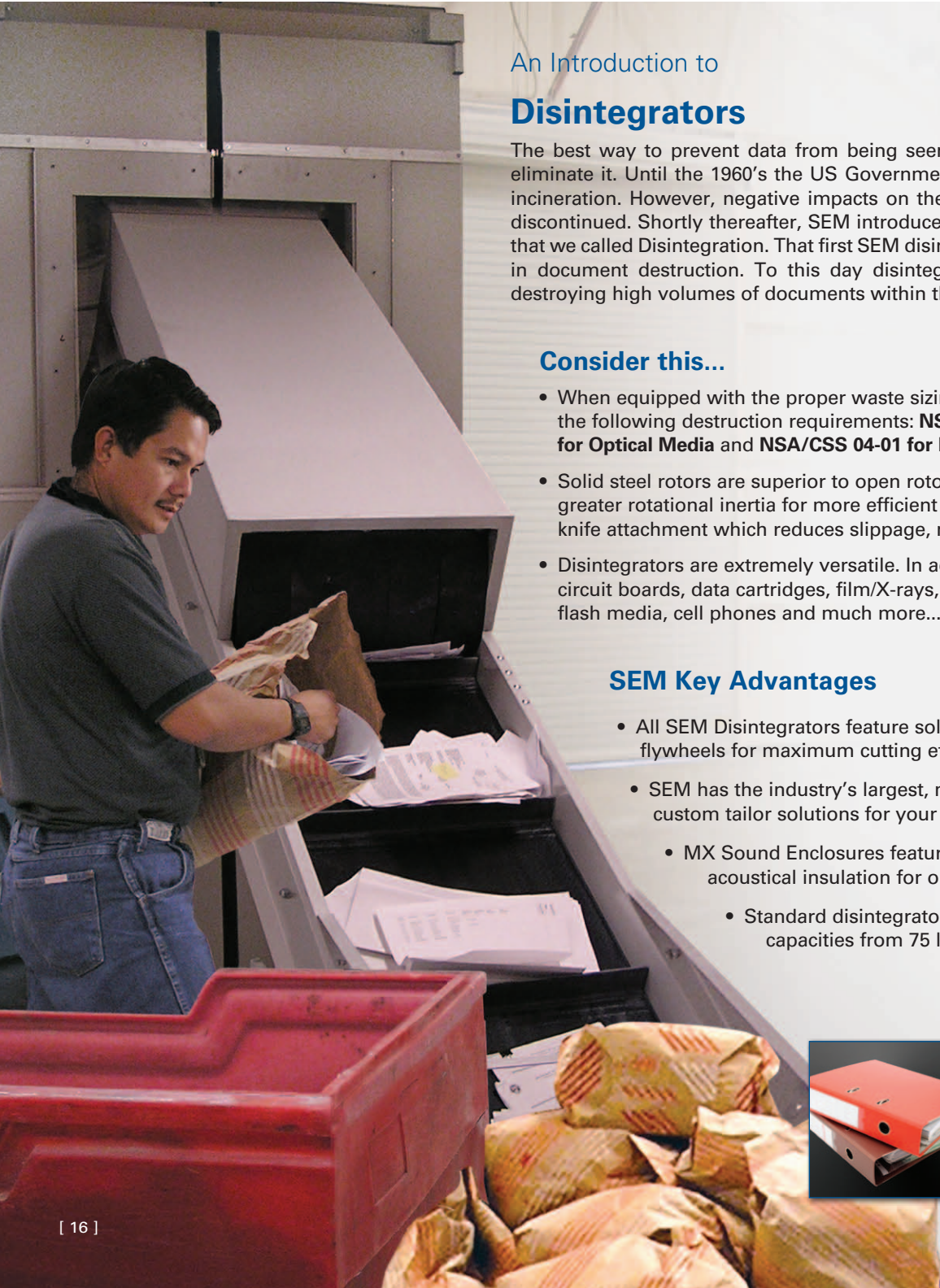
- All SEM Disintegrators feature solid steel rotors and solid steel flywheels for maximum cutting efficiency.
- SEM has the industry's largest, most experienced engineering staff to custom tailor solutions for your specific application requirements.
 - MX Sound Enclosures feature fire resistant steel construction and acoustical insulation for optimum sound isolation.
- Standard disintegrator models feature NSA rated thruput capacities from 75 lbs. per hour to 2,800 lbs. per hour.



How they work

All SEM Disintegrators utilize proven rotary knife mill technology to cut bulk material into small, irregularly shaped particles that are virtually impossible to reconstruct.

The process is simple, a cutting mechanism consisting of three or five knives mounted on a steel rotor pass two stationary bed knives at speeds of up to 600 rpm, cutting material continuously until it is small enough to pass through a perforated sizing screen. Waste is removed by an internal vacuum or external air evacuation system.



Disintegrators are ideal for destroying a wide variety of paper and non-paper data.

**Model 3 System**

- 5 Blade Cutting System (3 rotor, 2 bed)
- 10 HP Motor
- 10" x 12" Feed Opening
- 10" x 12" Destruction Chamber
- 250 lbs./hr High Security (NSA) Thruput (3/32")
- 5 Year Warranty

GSA Price.....\$14,178.67

**Model 22 System**

- 5 Blade Cutting System (3 rotor, 2 bed)
- 20 HP Motor
- 12" x 20" Feed Opening
- 12" x 20" Destruction Chamber
- 500 lbs./hr High Security (NSA) Thruput (3/32")
- 5 Year Warranty

GSA Price.....\$30,593.99

**Model 23 System**

- 5 Blade Cutting System (3 rotor, 2 bed)
- 25 HP Motor
- 12" x 24" Feed Opening
- 12" x 24" Destruction Chamber
- 600 lbs./hr High Security (NSA) Thruput (3/32")
- 5 Year Warranty

GSA Price.....\$40,259.04

System Enhancements

SEM Disintegrators can be custom configured for any application. Add any of the options below to improve performance by increasing thruput capacity, reducing power consumption, noise levels and maintenance requirements.



7 Blade Cutting System (5 rotor, 2 bed)
Increasing the number of knives on the rotor from three to five, produces 40% more cuts per revolution to dramatically increase thruput.



Horsepower Upgrades
Increasing a disintegrator's horsepower improves thruput while reducing strain on the motor and extending its service life.



Hour Meter
A visible hour meter helps to ensure routine schedule maintenance.



Platinum User Interface
Machine control and annunciator light cluster provides timed shut down, keyed lockout, feed rate indicator and emergency "e" stop.



MX Sound Enclosure
Reduce machine noise levels by as much as 20 dBA. Steel construction is rugged, safe and fire resistant.



Air Evacuation System
Select from a single or a dual bag system and change bags without shutting down the disintegrator. For the ultimate in convenience, choose a system that evacuates waste to an outside waste container (dumpster).



All SEM Disintegrators are made in the United States.

SEM Disintegrator Value Kits

SEM Disintegrator Systems are designed to be configured in countless ways to suit specific application requirements. However, it has been our experience that the value kits shown below for our popular **Models 1012, 22 and 23** will more than satisfy most application requirements.



Model 1012/5 Value Kit..... GSA Price **\$35,832.00**

- 15 HP Motor • 10" x 16" Feed Opening • 10" x 16" Destruction Chamber
 - Air System: Single Bag F071B • 500 lbs./hr High Security (NSA) Thruput
- Price of items purchased separately..... \$41,006.37 **You Save \$5,174.37**

Model 22/5 Value Kit..... GSA Price **\$52,417.53**

- 30 HP Motor • 12" x 20" Feed Opening • 12" x 20" Destruction Chamber
 - Air System: Dual Bag F034B • 800 lbs./hr High Security (NSA) Thruput
- Price of items purchased separately..... \$58,254.40 **You Save \$5,836.87**

Model 23/5 Value Kit..... GSA Price **\$61,656.01**

- 30 HP Motor • 12" x 24" Feed Opening • 12" x 24" Destruction Chamber
 - Air System: Dual Bag F112 • 900 lbs./hr High Security (NSA) Thruput
- Price of items purchased separately..... \$69,121.28 **You Save \$7,465.27**

Value Kits include a Base Disintegrator (listed above) plus the following System Enhancements:

7 Blade Cutting System, Disintegrator Warranty, Solid Steel Rotor Upgrade, Sound Proof Hopper & Base, MX Sound Enclosure, Push Button Controls, Digital Hour Meter, Disintegrator Tool Kit, Spare Set of Knives (Bed & Rotor), Heavy Duty Waste Bags (300).

Additional Recommended Accessory: Platinum User Interface Package. It includes keyed lockout, timed shutdown, feed rate and visual status indicators, hour meter, start and stop buttons and emergency e-stop. \$3,400.00

An Introduction to

Briquetting Systems

Briquetting systems take large amounts of loose material and subject them to extreme pressure to create small, dense “briquettes”. The main advantages of briquetting include significant reduction in waste volume (up to 90% in some cases) and reduced waste hauling and disposal costs. Additional benefits include improved housekeeping, reduced danger of combustion of loose particles, and perhaps most importantly, a reduction in the volume of waste being sent to landfills.

Consider this...

- A briquettor or briquetting press is merely one component of a complete briquetting system. Integrating all of the necessary components can be a difficult, time consuming process with no guarantee of proper operation.
- Not all briquettors are designed specifically for use with paper waste particles. Choosing a press that was originally designed for use with wood and sawdust may not satisfy all application requirements.

SEM Key Advantages

- **Green Value Kits** offer completely pre-configured systems including disintegrator, briquetting press, sound enclosure and waste evacuation system.
- SEM systems can accommodate thruput levels from 250 lbs. per hour to up to 1,200 lbs. per hour for particles destroyed to NSA specifications.
- If you have an SEM disintegrator, we can supply a retrofit briquetting system for it.

Recycling Benefits and ISO14001 Compliance

Most recyclers will not take loose high security waste particles. However, high security waste that has been briquetted can be co-mingled with CUI waste and will be accepted by most recyclers, allowing you to recoup Classified destruction into your waste stream. The dramatic reduction in waste volume significantly aids in **ISO14001 Compliance**.



*Before Briquetting: 90 cubic inches
After Briquetting: 10 cubic inches*



**9 to 1 Waste
Reduction Ratio**



Components of an SEM Briquetting System

- A disintegrator to reduce paper to small particles
- An air evacuation system to convey particles from the disintegrator to the next stage in the process
- A briquetting press (briquettor) with waste hopper, high pressure hydraulic rams, and dies to form the briquettes.
- Material transfer tubes to direct briquettes to collection bins

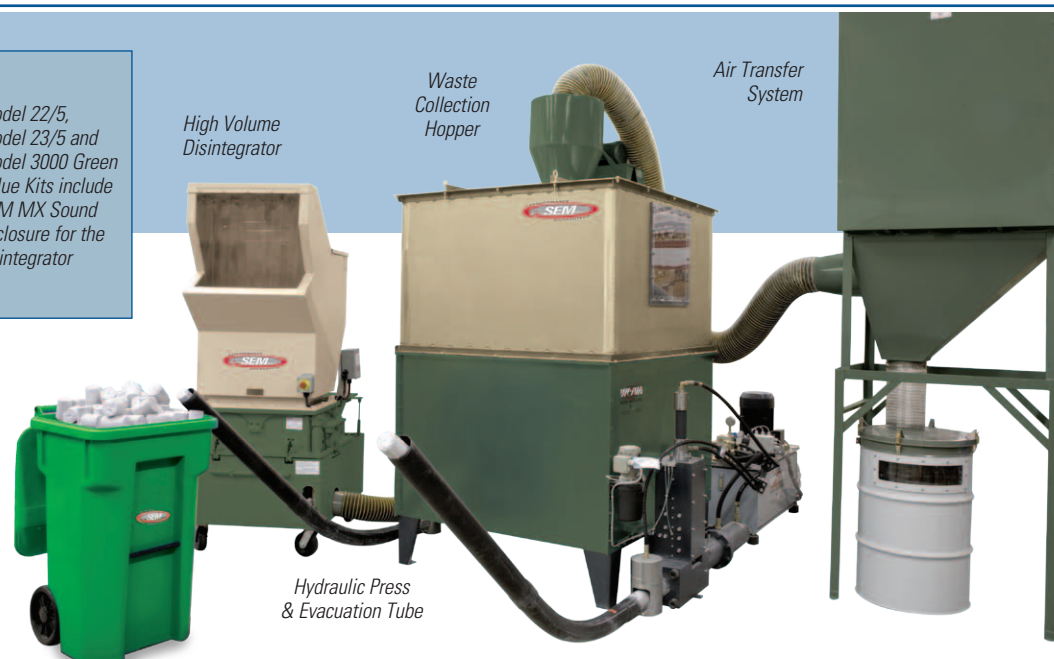


Model 22/5,
Model 23/5 and
Model 3000 Green
Value Kits include
SEM MX Sound
Enclosure for the
disintegrator



See our Briquetting
Equipment Video at:
semshred.com

Typical SEM briquettes



Model 3 Green System

SEM Model 3 Disintegrator with SEM Briquettor.
Capacity (lbs/hr): up to 250 DoD

Particle Size: 3/32" DoD - other CUI particle sizes available

Destruction Chamber: 10" x 12"

Feed Opening: 10" x 12"

Waste Transportation: FC15 with FT24 filtration

Briquettor: Single discharge

GSA Price.....\$69,900.00

Briquettor Value Kits

Briquettor Value Kits come equipped with a 1.5HP Fan Cyclone air system (Model FC15) to efficiently move waste particles from the disintegrator to the briquettor and Model FT-24 Filtration Systems to capture airborne dust particles. Each Value Kit also includes a customized steel MX Series sound enclosure to further control dust and significantly reduce noise. Dual discharge briquetting system maximize the shredded output of the disintegrator. Value Kit solutions include Installation and Training by a team of SEM Factory trained service technicians to insure proper functionality of the system.

Model 22/5 Green Value Kit

SEM Model 22/5 Disintegrator with SEM Briquettor.

Capacity (lbs/hr): up to 800 DoD

Particle: 3/32" DoD - CUI particle sizes also available

Destruction Chamber: 12" x 20"

Feed Opening: 12" x 20"

GSA Price.....\$176,635.00

Model 23/5 Green Value Kit

SEM Model 23/5 Disintegrator with SEM Briquettor.

Capacity (lbs/hr): up to 900 DoD

Particle: 3/32" DoD - CUI particle sizes also available

Destruction Chamber: 12" x 24"

Feed Opening: 12" x 24"

GSA Price.....\$227,861.00

Model 3000 Green Value Kit

SEM Model 3000 Disintegrator with SEM Briquettor.

Capacity (lbs/hr): up to 1,200 DoD





Particle: 3/32" DoD - CUI particle sizes also available

Destruction Chamber: 12" x 20"

Feed Opening: 12" x 20"

GSA Price..... Consult Factory

**Briquettor can
be retrofitted to any
SEM Disintegrator
System**

Model	Particle Size	Thruput (lbs/hr)	Feed Opening	Destruction Chamber	Motor	Waste Transportation	MX Insulated Sound Enclosure	Briquettor	GSA Price
Model 3 Green System 	3/32" DoD	up to 250 DoD	10" x 12"	10" x 12"	10 HP	FC15 with FT24 Filtration	Optional	Included	\$69,900.00
Model 22/5 Green Value Kit 	3/32" DoD	up to 800 DoD	12" x 20"	12" x 20"	30 HP	FC15 with FT24 Filtration	Included	Included	\$176,635.00
Model 23/5 Green Value Kit 	3/32" DoD	up to 900 DoD	12" x 24"	12" x 24"	30 HP	FC15 with FT24 Filtration	Included	Included	\$227,861.00
Model 3000 Green Value Kit 	3/32" DoD	up to 1,200 DoD	12" x 20"	12" x 20"	30 HP	FC15 with FT24 Filtration	Included	Included	Call

*Standard Installation includes assembly, startup and training. Customer to supply main power disconnects, fork truck and licensed electrician to make final connections.



An Introduction to Central Destruction Systems Paper Shredders

For high volume paper shredding - feed capacities up to 600 sheets per pass - SEM central shredders are the answer. These rugged, simple to operate machines handle paper in flat sheet form, bound documents and even crumpled waste.



Model 5146P

Unique feed hopper accepts crumpled waste. Also features fold up tray and bypass feed slot.

Shred Size: 1/4" x 1 7/8"
Sheet Capacity: up to 70*

GSA Price.....\$7,110.05



Series 6040

Ideal for medium to large offices and departments. Accepts bound documents and crumpled waste.

Model 6040P - Cross-Cut

Shred Size: 1/4" x 1 7/8"

Sheet Capacity: up to 90*

GSA Price.....\$9,358.25

Model 6040S - Strip-Cut

Shred Size: 1/4"

Sheet Capacity: up to 110*

GSA Price.....\$8,614.10



Series 7050

High volume with twin 50 gallon collection bags. Optional discharge conveyor also available.

Model 7050P

Shred Size: 5/16" x 1.5 - 3.1" random

Sheet Capacity: up to 600*

GSA Price.....\$25,639.58

Model 7050PSP - Smaller Particle

Shred Size: 1/4" x 1.9"

Sheet Capacity: up to 400*

GSA Price.....\$27,500.00



Series 800

Standard 1/4" x 1 7/8" particle (1/4" x 7/8" available). Shown with optional discharge conveyor.

Model 800-3P (3HP - 460V)

Sheet Capacity: up to 110*

GSA Price.....\$14,900.00

Model 800-5P (5HP - 460V)

Sheet Capacity: up to 160*

GSA Price.....\$15,300.00

Model 800-75P (7.5HP - 460V)

Sheet Capacity: up to 180*

GSA Price.....\$16,500.00

Model 800-100P (10HP - 460V)

Sheet Capacity: up to 200*

GSA Price.....\$19,500.00

Paper Shredder Preventative Maintenance (PM) Contracts

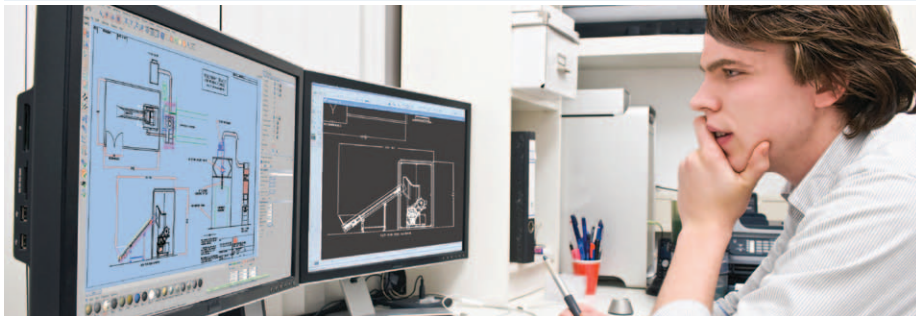
Our Preventative Maintenance (PM) contracts are a great way to ensure your shredder operates at peak performance. For additional peace of mind, a Service Level Agreement covers emergency service requirements. See page 25 for details.

All shredders listed on this page are available with Level 4 particle size

Model	Security	Shred Size	Sheet Capacity*	Oiling System	Feed Opening	Dimension (HxWxD)	Motor (HP)		GSA Price
							Actual	Developed	
Model 5146P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 70	Optional	18"	67" x 29" x 30"	3 HP	6 HP	\$7,110.05
Model 6040P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 90	Yes	16"	49" x 67" x 56.5"	4 HP	10 HP	\$9,358.25
Model 6040S - Strip-Cut	Level 2	1/4"	up to 110	Yes	16"	49" x 67" x 56.5"	5.5 HP	11 HP	\$8,614.10
Model 7050P - Cross-Cut	Level 3	5/16" x 1 1/2" - 3" random	up to 600	Yes	20"	67.5" x 40.75" x 85.5"	12 HP	24 HP	\$25,639.58
Model 7050PSP - Cross-Cut	Level 3	1/4" x 1.9"	up to 400	Yes	20"	67.5" x 40.75" x 85.5"	12 HP	24 HP	\$27,500.00
Model 800-3P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 110	Optional	16"	47.5" x 36" x 59"	3 HP	6 HP	\$14,900.00
Model 800-5P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 160	Optional	16"	47.5" x 36" x 59"	5 HP	10 HP	\$15,300.00
Model 800-75P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 180	Optional	16"	47.5" x 36" x 59"	7.5 HP	15 HP	\$16,500.00
Model 800-100P - Cross-Cut	Level 3	1/4" x 1 7/8"	up to 200	Optional	16"	47.5" x 36" x 59"	10 HP	20 HP	\$19,500.00

Systems require 208/220/460V, 3-Phase power. Consult factory.

*Sheet capacity depends on paper weight and proper power.



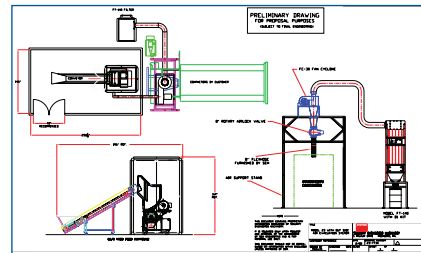
An Introduction to Central Destruction Systems Disintegrators

Custom Engineered Systems

When it comes to central destruction systems, there's no such thing as an off-the-shelf solution, or one size fits all solution. That's why we have the industry's widest line of disintegrators, dual stage systems, materials feed and waste evacuation systems, not to mention the know-how and experience to apply them properly to any application.

SEM 12 Point Project Deliverables

- Project planning - concept to implementation
- Facility and equipment layout
- CAD drawings of system with BOM
- Power requirements, electrical design/ CAD drawings of electrical schematics
- Control panel design/CAD drawings of Master Control Panel
- Waste evacuation CAD design with drawings
- Complete system integration design
- Equipment test and validation
- Interface with electricians, plant engineers, architects and building contractors
- Complete system installation and commissioning
- Operator training and validation of installed system
- Complete set of system manuals



SEM system plan including all components



Typical system with conveyor, enclosure, disintegrator, evacuation system and briquettor, completely designed, engineered, installed and serviced by SEM



Waste evacuation system to outside receptacle

NEW

Destroy up to 1,200 Pounds per Hour at NSA Particle Size

Series 3000 Disintegrators

For maximum destruction thruput levels, nothing beats 3000 Series Disintegrators. All systems are custom configured to meet individual application requirements.

For more information consult your SEM salesperson or call 800-225-9293 to discuss your specific needs.



NEW

Solid State Hard Drives Physical Destruction that Meets NSA Requirements

Not sure about how to destroy solid state drives? We have the answer. SEM can supply a turnkey solution that meets all NSA Requirements. Contact us for complete details.



MADE IN USA

NSA Destruction Requirements/Guidelines for Solid State Media - disintegrate into particles that are nominally 2 millimeter edge length in size using an NSA/CSS evaluated disintegrator per Reference d. Remove all labels or markings that indicate previous use or classification.



An Introduction to Destruction Services

In some cases, outsourcing destruction services can be a viable alternative to purchasing destruction equipment. Reasons for selecting the outsourcing option include:

- Low volume requirements that would make an equipment purchase difficult to justify
- Facility limitations such as space and power that would prohibit the installation of destruction equipment
- Lack of staff to operate and maintain equipment

If any of these conditions are similar to your situation, selecting the outsourcing option makes sense.

Environmentally Responsible Security

In addition to the security of having your data bearing devices completely destroyed, you get the peace of mind that comes from working with an **ISO14001 Registered** company. We strive for 0% landfill waste by recycling all scrap waste.



Hard Drive and Mixed Media Destruction Techniques

SEM employs three main destruction techniques.

Magnetic Degaussing

Degaussers use powerful magnets to erase data from magnetic storage media. Hard drives degaussed in SEM's NSA Evaluated P3 Degaussers are not only completely erased, they are rendered unusable.



Degaussed Hard Drive

Shredding

Heavy duty, high-volume industrial shredders reduce waste to random length strips as small as 3/4" wide.



Hard Drives after Shredding

Disintegration

Disintegrators continuously cut media until it is reduced down to tiny particles as small as 3/32".



Hard Drive after Disintegration

Commitment to Recycling

SEM is a security company first and foremost. However, that doesn't mean we neglect our environmental responsibility. In fact, we are so committed that we have undergone the process of environmental audits and are proud to say that we are an **ISO 14001 Registered** company. This means we strive for 0% landfill waste reusing or recycling all destroyed materials.

Scan our QR Code to read our policy.



Items that can be destroyed at the SEM Destruction Facility

- Hard drives— all types and sizes
- Computer back up tapes
- Audio/video tape— cassette or reel to reel
- Floppy disks— all types and sizes
- Cell phones & PDA's
- Assorted flash media
- Off-Spec product



SEM GSA Listed Destruction Services

Our destruction facility meets Physical Security Standards for Special Access Program Facilities outlined in JAFAN 6/9. All of the products used for destruction have been evaluated and approved by the National Security Agency NSA/CSS/ 02-01, 02-02, EPL-9-12A-E. So, you can choose the level of destruction from Official Use standards through DoD standards for Classified, or COMSEC material.

SEM is proud to be the only ISO 14001 Registered data destruction company listed on GSA Contract. This means that we strive for 0% landfill waste by reusing or recycling all destroyed items.

Hard Drive Destruction

SEM EZ Price system

To simplify the process of purchasing hard drive destruction services, SEM has created the EZ Price System.

- Pick a lockable case— small, medium or large, and we'll "send it to you".
- Fill it with as much electronic media as you can fit— no sorting necessary.
- Call us, and we'll make arrangements for pick-up and return freight.
- We'll sort, inventory and destroy the contents at our Secure Destruction Facility.
- We'll dispose of the waste in an environmentally safe and friendly manner.
- Upon completion, we'll send you a "Certificate of Destruction".
- You pay one price— no haggling, no hassles, no headaches.



SMALL CASE (approx. 25 desktop drives)

EZ-SHRED25GSA Price \$249.75

MEDIUM CASE (approx. 50 desktop drives)

EZ-SHRED50GSA Price \$332.50

LARGE CASE (approx. 250 desktop drives)

EZ-SHRED250GSA Price \$1,270.00



Chain of Custody, Secure Storage, Screened Employees and Proof of Destruction



Once SEM receives your materials they are counted and/or weighed to ensure that the contents match the shipping manifest. When verified, SEM accepts liability for the purpose of destruction.



All material is destroyed within 24 to 48 hours of receipt in our Westboro, MA facility. Prior to destruction, items are stored in a locked cage within a limited access area.



SEM destruction personnel undergo rigorous screening and background checks to meet cleared federal government regulations. Photo ID is displayed conspicuously at all times.



Local customers are invited to view items being destroyed in person. National customers can observe destruction in real time via IP cameras. A DVD recording of the destruction can also be supplied.

Degaussing service is available prior to destruction for an added measure of security



An Introduction to
Delivery and Installation

SEM provides delivery, installation, set up and service at ANY customer location in the United States, including Alaska and Hawaii. We are the ONLY company to offer Factory Authorized Service in EVERY ZIP Code in the United States

Delivery and Set Up Options

Per contract requirements, our GSA pricing includes delivery of an item to the customer facility where it is unloaded on to a shipping dock. However we realize that not every facility is equipped with truck height loading dock. We also know that not every facility has the necessary staff to uncrate and set up a new shredder. For this reason we offer a variety of additional services including:

- Lift Gate Truck Delivery
- Inside Delivery
- Shredder Installation and Set-up

Lift Gate Truck Delivery

If your delivery location does not have a receiving dock, then a Lift Gate Service is required. Please select this option.

Due to the size and weight of the shredder and the protective packaging, most shredders are shipped on a wooden pallet. Delivery is typically made to a facility with a receiving dock. Once delivered at the dock, the customer is responsible to move the unit to it's deployment location.

Lift Gate Delivery Service per unitGSA Price \$50.00*



Inside Delivery

For those customers who want to have the shredder delivered to the location where it will be used, SEM offers an Inside delivery option. If the facility does not have a loading or receiving dock, a special truck with a rear lift gate will also be required (please see option "LIFTGATE").

Inside delivery assumes that there are no stairs and that an elevator is also available to move the machine into it's deployment location. The delivery driver will only deliver the unit. The end user is responsible for un-crating and removal of packaging.

Inside Delivery Service per unitGSA Price \$75.00*



At Site Shredder Installation and Set-up

Paper Shredder Installation Services consist of the following:

Upon delivery, an authorized SEM service technician will be dispatched to set up the machine. The technician will unpack the shredder and move it to its final deployment location (this assumes no stairs or an elevator is available). The customer is responsible for disposal of packaging materials. The technician will inspect the system and power up the unit to make sure it is working correctly.

For units equipped with an auto oiler, the technician will also set up the oiler and test its operation. The technician will also provide an Operator Training Session to demonstrate the various features and demonstrate proper usage

Inside Delivery Service per unit
(model series 2125, 2226, 244, 1201) GSA Price \$225.00*

Inside Delivery Service - two technicians per unit
(model series 3130, 3140, 266, 4140C/4, 5140, 5141 and 02010MD)GSA Price \$325.00*



*Volume discounts available to same location deliveries... call for pricing



An Introduction to Field Service Options

SEM offers on-site paper shredder service at ANY ZIP Code in the United States by Factory Trained, Authorized Service Technicians. In addition to on-demand service, we also offer:

- Annual Preventative Maintenance
- Service Level Agreements
- Extended Warranties (1, 2, or 3 year)



Download our
Field Service Guide
semshred.com/fsg

Paper Shredder Preventative Maintenance (PM) Contracts

A PM program for paper shredders consists of one scheduled visit on or about 6 month after the machine is placed in service by an authorized factory trained SEM Service Technician. The unit will be inspected, cleaned and lubricated. If the unit requires any additional service or parts, the technician will make recommendation for service which will be handled in accordance with "in-warranty or out of warranty" guidelines.

Paper Shredder Preventative Maintenance Service per unit..... GSA Price \$175.00*

Paper Shredder Service Level Agreement

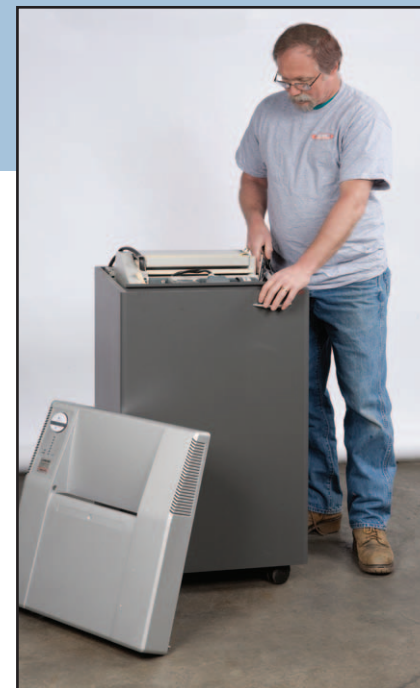
Under a Service Level Agreement, (SLA), customers receive one Preventative Maintenance visit per year and one Emergency Service visit (if needed) per year.

If a machine is not functioning properly, the user will contact SEM Technical Support Line. A Customer Service Representative will attempt to diagnose the problem and resolve the issue over the phone. If the issue can not be fixed, an Authorized Service Technician will be dispatched to resolve the problem in accordance with "in-warranty or out of warranty" guidelines.

Paper Shredder Service Level Agreement..... GSA Price \$249.00

Paper Shredder Extended Warranties

You can extend the warranty on any SEM shredder by One, Two or Three Years. Prices vary by model, see shredder specifications for price.



Disintegrator Preventative Maintenance Contracts

Service Guaranteed 20 Point Preventative Maintenance Factory Program - Customer Required to have a spare set of knives

Disintegrator System

1. Installation of sharpened knives
2. Calibrate installed knives to application for optimal performance
3. Remove old knives
4. Sharpen spare knives
5. Grease rotor bearings
6. Inspect hopper for easy opening and closing to cutting chamber
7. Inspect rotor for excessive wear
8. Inspect screen for proper fit and wear
9. Inspect drive belt for wear
10. Adjust drive belt tension to factory specifications for maximum efficiency
11. Check sheave bolt tension and set to factory specifications

Evacuation System

12. Inspect fan for proper operation
13. Inspect evacuation system for leaks
14. Lubricate and grease air system as required
15. Adjust flow controls as needed
16. Inspect filter
17. Shake filter and empty debris if required

Electrical System

18. Inspect all safety switches ensuring they function properly
19. Inspect all starters ensuring proper operation

Reports

20. Complete evaluation report with recommendations

Disintegrator Preventative
Maintenance Contract..... Call for Price



An Introduction to Deployment Kits

Any SEM product can be outfitted for field deployment. Here are just a few examples. If you don't see what you need here, please contact us for more options.

We offer individual cases to turn your existing equipment into a deployment solution. Scan the QR code or visit semshred.com/cases for details.



High Security Shredders

Order Part Number	GSA Price
1324C/3 DEP	\$1,699.00
2226CC/3NO DEP No Oilier	\$2,925.00
2226CC/3 DEP With Oilier	\$3,250.00
244/4 DEP	\$3,695.00
4140C/4 DEP	\$5,498.00
1201CC DEP	\$6,044.50
266/4 DEP	\$6,325.00
5140C/DEP	\$6,350.00

Optical Media Destruction

Order Part Number	GSA Price
0201 OMD DEP	\$5,150.00
DX-CD2 DEP	\$2,495.00

Hard Drive Crushers

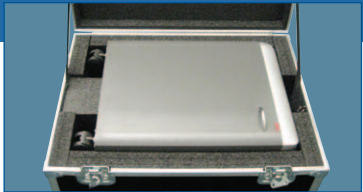
Order Part Number	GSA Price
0101 DEP	\$5,325.00
0100 DEP	\$1,895.00

Hard Drive Degausser

Order Part Number	GSA Price
ME-P3M DEP	\$25,000.00
EMP1000 DEP	\$11,900.00
HD-2 DEP	\$3,900.00
HD3-WXL DEP	\$8,250.00

SEM Field Deployment Kits

Loaded with features for security, durability and convenience.



Custom foam inserts provide a perfect fit



Telescoping handle for easy portability



Large casters roll easily on any surface



Self tightening lockable closures



Padded recessed carry handles

Keep materials stored securely prior to destruction

Secure Waste Storage Containers



Model DDG Data Dis-Guard®

Designed to blend with office decor while securely storing sensitive material prior to destruction. Drop documents into the filing cabinet style drawer and they'll fall into a locked compartment accessible only by authorized key-holders.

Available in 3 colors, sauterne, charcoal grey, and black (not shown).

Model	Bag Capacity	Feed Opening	Weight	Dimension (HxWxD)	Price (open market)
Model DDG Data Dis-Guard	35 gal.	4" x 11 3/4"	121 lbs	15" x 16" x 28 5/8"	\$859.00

Disintegrator Burn Bags

These high quality measure 21.5 x 12.5 x 7" and can hold over 1,800 cubic inches of waste. They feature the familiar, easy to identify red and white diagonal striped pattern.

They are sold in bales of 250 bags.

SEMBB250 Burn Bags..... GSA Price \$68.50*

*Price does NOT include freight



Security Magnets

These double-sided magnets with SECURE on one side and OPEN on the other are a fast, convenient visual indication of the security status of your material. Use them on safes, file cabinets, or even steel doors. Magnets are sold in packages of 25.

SEM SEC MAG Magnets..... GSA Price \$39.00



PAPER SHREDDER PLASTIC BAGS

These heavy duty bags are specially sized to work with SEM shredders.

Bag #	Product #	Current Shredder Models	Legacy Shredder Models	Quantity	GSA Price
229A	637SB229A	1100 & 1300 Series	122, 123, 126, 233/1	100/Box	\$32.56
132A	640SB132A	—	135/135P, 233/2, 244/1	50/Box	\$40.18
138A	638SB138A	2125 Series	126/2, 244/2, 244/3	50/Box	\$41.36
130A	640SB130A	244/4, 2226 & 1201 Series	226, 391, 395, 2126, 412	50/Box	\$48.52
140A	639SB140A	266, 3130, 3140, 4140, 5140, 5141 & 5146 Series	425	50/Box	\$65.10
190A	642SB190A	6040, 7050 & 800 Series	428, 490, 500, 501	25/Box	\$92.45
755A	755BAG3MILA	F-Series Disintegrator Waste Collection Systems	—	50/Box	\$86.45
638A	638ASB0201	Anti-Static Bag for Model 0201 OMD	—	50/Box	\$100.43

SHREDDER OIL

All natural, high viscosity oil provides the ultimate protection for cutting heads and improves performance.

Oil #	Product #	Shredder Model	NSN#	Quantity	GSA Price
OILB	649OIL8HV	for all shredders by any manufacturer	9105-01-399-4846	8 Pint/Case	\$46.20
OIL	647OILHV	for Automatic Oilers		4 Gallon/Case	\$97.85

ELECTRONIC MEDIA DESTRUCTION

Commonly used consumables for electronic media destruction products (physical destruction and degaussing).

Item	Product #	Quantity	GSA Price
Vacuum bags for Model 200/DS-200	640SB132A	50/Box	\$40.18
Vacuum bags for Model 200 Marine	750408239A/25	25/Box	\$95.74
Vacuum bags for Model 250C	7506295A-3A	3 each	\$8.45
Vacuum bags for DX-CD2	SEMDX-CD2BAG	3/Pack	\$17.38
Replacement Cutter DX-CD2	SEMDX-CD2CUTTER	1 each	\$125.89
ERASED labels for degaussed drives	ERASEDLABEL	1,000/Roll	\$75.50
Degausser Recertification	600MER-HDKIT	1 each	\$575.00 Open Market



Disintegrator Waste Sizing Screens and Replacement Knives

We stock a large inventory of sizing screens and replacement knives for our disintegrators, (including older and discontinued models). Visit our website for a complete listing.



5 Walkup Drive
P.O. Box 1045, Westboro, MA 01581
(508) 366-1488 • FAX (508) 836-4154
www.semshred.com

Source
Code

GC-28P-1.12



For over 40 years, SEM has been committed to bringing you the best and most effective information destruction products. We are equally committed to providing products and services that protect and preserve natural resources. **Our ISO 14001 Registration serves as proof of this commitment.**

Premium Bundles and Degauss & Destroy Bundles... Unbeatable Security, Unbeatable Value!

Paper Shredder Premium Bundles



See Page 5 for a complete list of
Paper Shredder Premium Bundles

Optical Media Shredder Premium Bundles



See Page 15 for Optical Media Shredder
Premium Bundle details.

Degauss & Destroy Value Bundles



See Page 13 for a complete list of
Degauss & Destroy Value Bundles